

**UC DAVIS POSTGRADUATE POSITIONS IN  
ANALYTICAL AND BIOLOGICAL CHEMISTRY  
ROLE AND REGULATION OF THE ARACHIDONATE CASCADE IN PAIN AND INFLAMMATION  
PI: Bruce Hammock**

Two NIH supported postgraduate positions are open at the University of California Davis in the laboratory of Prof. Bruce Hammock to investigate the role of omega-3 and -6 fatty acid metabolites in the regulation of pain and inflammation. The analytical position is supported by 8 LC and GLC MS instruments. The successful applicant is expected to take both a global and pathway selective metabolomics approach to examine the interactions among regulatory lipids and their interactions with other regulatory molecules. It is hoped the candidate will both advance metabolomic technology and expand understanding of the regulation of pain and inflammation. The biological chemistry position will focus on the biochemistry and regulation of enzymes involved in synthesis and degradation of lipid chemical mediators as related to disease. The regulation of lipid mediators by environmental toxins and pharmaceuticals is a long term laboratory interest.

The qualified candidate should have a Ph.D. in a relevant discipline (analytical chemistry, biochemistry, pharmacology, toxicology) and an interest in regulatory lipids and health.

**To apply:** submit a curriculum vitae, publication list, and names and contact information of three references the following information to Louisa Lo ([slo@ucdavis.edu](mailto:slo@ucdavis.edu)) by Oct. 31, 2012. The positions are open until filled and available immediately with possibility of renewal after the initial one year appointment. Starting salary is \$39,264 with benefits.

Further information about this laboratory as well as a comprehensive list of publications may be found at: <http://www.biopestlab.ucdavis.edu/>.

*The University of California is an Affirmative Action/Equal Opportunity employer. We welcome all qualified applicants to apply including women, minorities, veterans, and individuals with disabilities.*